

CONSULTING  
**Ca** ANALYTICAL  
**Si** SERVICES  
INTERNATIONAL

72447  
INCORPORATED CHEMISTS, BIOLOGISTS & ANALYSTS  
2804 E. BATTLEFIELD, SPRINGFIELD, MISSOURI 65804  
417 - 882-1017, 1018

CHARLES H. CRISWELL  
LISA C. BERGER  
JO ELLEN HANSON

JAN 16 1986

January 15, 1986

Mr. Charles L. Kroeger  
Environmental Specialist  
Department of Natural Resources  
1155 East Cherokee  
Springfield, Missouri 65807

Dear Mr. Kroeger:

Enclosed you will find a copy of the results from testing  
of three consecutive lots of enzyme treated film chips  
for EP Silver Toxicity, which Mr. Joe Helterbrand has  
directed us to send to you.

Yours truly,



Lisa C. Berger  
Vice-President

LCB/ed

Enclosure: 1



S00048642  
SUPERFUND RECORDS



JOHN ASHCROFT  
Governor



OCT 21 1985

Division of Energy  
Division of Environmental Quality  
Division of Geology and Land Survey  
Division of Management Services  
Division of Parks and  
Historic Preservation

FREDERICK A. BRUNNER  
Director

STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

P.O. Box 176  
Jefferson City, MO 65102  
314-751-3241

LABORATORY SERVICES PROGRAM  
RESULT OF SAMPLE ANALYSIS

Sample No. 85-3270

Reported to: CHARLES KROEGER  
Affiliation: SRO

Date: 10/16/85  
Project Code: 3533/3000

Sample Description:  
DUGAN & HELTERBRAND FILM CHIPS (GRAB)

Collected by: CHARLES KROEGER  
Affiliation: SRO

Date: 09/30/85

PARAMETERS

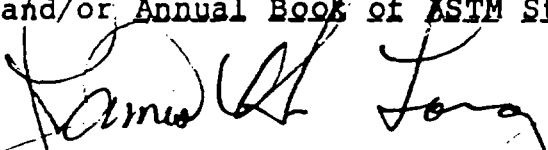
RESULTS

CYANIDE

52.5 UG/G

COMMENTS : ANALYZED BY ENVIRONMENTAL ANALYSIS

The analysis of this sample was performed in accordance with procedures as outlined in the latest edition of Standard Methods for the Examination of Water and Wastewater, EPA Manual of Methods for Chemical Analysis of Water and Wastes, and/or Annual Book of ASTM Standards.

  
James H. Long, Director  
Laboratory Services Program  
Division of Environmental Quality

cc: Joe Davis, WMP



Ca  
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CONSULTING ANALYTICAL SERVICES INTERNATIONAL

2804 EAST BATTLEFIELD, SPRINGFIELD, MISSOURI 65804, 417-882-1017, 1018

CERTIFICATE OF ANALYSIS

Date October 9, 19 85

Name Dugan & Helterbrand

Address Route 2, Box 184

City Marshfield, State Missouri 65706

SAMPLE DATE	SAMPLE DESCRIPTION PARAMETERS ANALYZED	RESULTS
9-30-85	Film Chips Split Sample w/MDNR #85-3270, collected 11:30 a.m. Cyanide, total	CLK 39.3 ppm

The above analyses were performed in accordance with accepted protocols as prescribed in:

- ☆ Standard Methods for the Examination of Water and Wastewater
- ☆ EPA Methods for Chemical Analysis of Water and Wastes
- ☆ EPA Sampling and Analysis Procedures for Screening Industrial Effluents for Priority Pollutants
- ☆ ASTM Standards
- ☆ AOAC Official Methods of Analysis
- ☆ FDA Bacteriological Analytical Manual
- ☆ EPA Test Methods for Evaluating Solid Waste — Physical/Chemical Methods
- ☆ EPA Methods of Organic Analysis

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## Field Sheet and Chain of Custody Record

